



NEU-120.P.1, Sequence Listing FILED, MS, 1-23-06
SEQUENCE LISTING

<110> Viney, Joanne L.

Sims, John E.

DuBose, Robert F.

Hasel, Karl W.

Hilbush, Brian S.

Buchner, Robert R.

<120> Gene Expression Modulated In Gastrointestinal Inflammation

<130> 99,104-A

<140> PCT/US 00/15973

<141> 2000-06-09

<150> 60/138,487

<151> 1999-06-12

<160> 129

<170> PatentIn version 3.1

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<223> IMX2_4

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FEB 13 2006
OFFICE OF PETITIONS

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<211> 233

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agcggcagcc tgtgacagtg ttgacctcga gtggcatcaa cctctgttca ccaaattcca	240
ggagaacatt gtgggcgcag tctcctgccc tgggtaccca ttctactcac agctccagt	300
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<210> 27

<211> 310

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<223> IMX2_6

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tctgggcgag ggccctgcc	gctggaacgt cagcccagcg agccgaactg atcgactca	180
cccaagccct gaaaatggca	gaaggtaaga agctaaatgt ttatactgac agccgatatg	240
ctttcgccac ggcccatgtc	catggagaaa tctataggag gcgaggggtg ctgacctcag	300
agggcaaaaa		310

<210> 28

<211> 117

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<223> IMX2_7

<400> 28		
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aaaagcaaaa gagggggaaa	aacatcaaaa gaacatgaaa aacagaaaac ccaaaaa	117

<210> 29

<211> 234

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<223> IMX2_8

<400> 29		
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taggaatgtc ttacacgcgg	ggcaagacag ttactgatac gggcagacac agaacaagtg	120
aacacaacga gcgactgcc	caaaaaaaaa agtgactctg ggatgcacgt ggcatgaaca	180
cttggacacc gcagacagga	gtgaagtact cgggactctc cacctcccca aaaa	234

<210> 30

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<211> 421

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<223> IMX2_11

<220>

<221> misc_feature

<222> (34)..(34)

<223> N stands for A, C, G or T

<220>

<221> misc_feature

<222> (48)..(48)

<223> N stands for A, C, G or T

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gcaacgcaag ttcacagacc acatcaagtg cagaaacgcc ctgaagctgc agaaagggaa	180
gaagtacctc atgtggggcc tctcctctga cctctgggga gaaaagccca acaccagcta	240
catcattggg aaggacacgt ggggtggagca ctggcctgag gcggaagaat gccaggatca	300
gaagtaccag aaacagtgcg aagaacttgg ggcattcaca gaatctatgg tggtttatgg	360
ttgtcccaac tgactacagc ccagccctct aataaagctt cagttgtatt tcacacaaaa	420
a	421

<210> 31

<211> 191

<212> DNA

<213> Mus musculus

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<220>

<221> misc_feature

<223> IMX2_12

<400> 31
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agatattttc taaaatctgg atccctaaac atcccaatgt gctgaataaa tacttgtgaa 180
atgcagaaaa a 191

<210> 32

<211> 173

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<223> IMX2_13

<400> 32
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gaggatgagg agagctatga cacggagtca gaattcacag aggatgagct gccctatgat 120
gactgtgtgt ttggaggcca gcgtctgaca ttataagtgg aaagtggcaa aaa 173

<210> 33

<211> 311

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<223> IMX2_15

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<400> 33
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 cgcacatgcc gcgacctcaa gatgtgccac tctgactgga agagcggaga gtactggatc 180
 gaccctaacc aaggctgcaa cctggacgcc atcaaggtct actgcaacat ggagacaggt 240
 cagacctgtg tgttccttac tcagccgtct gtgcctcaga agaactggta catcagcccg 300
 aacccccaaa a 311

<210> 34

<211> 138

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<223> IMX2_16

<400> 34
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 gaaattctgt cccaaaaa 138

<210> 35

<211> 99

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<223> IMX2_20

<400> 35
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<210> 36
 <211> 109
 <212> DNA
 <213> Mus musculus

<220>
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 <223> IMX2_23

<400> 36
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 cccacaccaa gaagaatgtg agaggaagta aggtcacttt atgcaaaaa 109

<210> 37
 <211> 313
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <223> IMX2_24

<400> 37
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 aatctacttc agtaaatttc tcatctgccc agccaagtga gggcttgagc tcagccaacc 180
 cctactgtct ctcgagacct cctactctac ttgaagggtg gagctgttcc ttcttgggac 240
 tgtccactcc acctgccagt caggacccga tccatagcaa atggaagata cagctctctt 300
 gcttacccaa aaa 313

<210> 38
 <211> 325
 <212> DNA

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<213> Mus musculus

<220>

<221> misc_feature

<223> IMX2_25

<400> 38
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 gtctcacctt cttgaagaac gtgtcctcca catgtgtgtc cagtccttcc acagacatcc 180
 taaccttcac catccccccc tcctttgccg acatcttctt cagcaagtcc gctaacctga 240
 cctgtctggg ctcaaacctg gcaacctatg aaaccctgga tatctcctgg gcttctcaaa 300
 gtggtgaacc actggaaacc aaaaa 325

<210> 39

<211> 294

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<223> IMX2_26

<400> 39
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 ccccccgcg gtgcatgcct ctctggataa attccttgcc tctgtgagca ccgtgctgac 180
 ctccaagtac cgtaaagctg ccttctgcgg ggcttgccct ctggccatgc ctttcttctc 240
 tcccctgcac ctgtacctt tgggtctttga ataaagcctg agtaggaata aaaa 294

<210> 40

<211> 288

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<223> IMX2_35

<400> 40
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ccaatctaac caaacaacac caaaaacaaa ccaaaaaaca aaacccaac aaaacagggtt 180
tttgggaatg ggttgtagtt cagaacactt gtctaataatg ggcaatgctc tgggttccat 240
ctcagcatta cagaaattaa taaaaaacta ttttgggcat aataaaaa 288

<210> 41

<211> 172

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<223> IMX2_39

<400> 41
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caattgtgtg accaggattt accactccca tgttgatgct ccaaaagata ttgcatcagg 120
actcatagga cctctaatac tctgtaaaaa aggttctcta tataaggaaa aa 172

<210> 42

<211> 39

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

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<223> IMX2_40

<400> 42
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<210> 43

<211> 150

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<223> IMX2_42

<400> 43
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tcacacatta tatttccaag aatccagccc ttcaaaggat aataacagga aaaaaaaciaa 120
tacaaggaca gaaatcatgc cctagaaaaa 150

<210> 44

<211> 29

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<223> IMX2_51

<400> 44
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<210> 45

<211> 291

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<223> IMX2_52

<400> 45
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 cccccccg cggtcatgcct ctctggataa attccttggc tctgtgagca ccgtgctgac 180
 ctccaagtac cgtaagctg ctttctgcgg ggcttgcctt ctggccatgc ctttcttctc 240
 tcccttgcac ctgtacctct tgggtcttga ataaagcctg agtaggaaaa a 291

<210> 46

<211> 283

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<223> IMX2_53

<400> 46
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 cactggtcag ctctatgata acccttgcca cacttagagc aaagagttag agtccctccc 180
 tgtttatctg gagctctgca atctttctta aaatgcccag gctttccgca attaaaacat 240
 gtcctctgat catttctgct catggagcgg ttctgagatt gga 283

<210> 47

<211> 421

<212> DNA

<213> Mus musculus

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<220>

<221> misc_feature

<223> IMX2_58

<400> 47
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tcactctagg acaagagcag gattcctatg ggggaaattt tgatgcaaag caatcctttg 180
ttggggagat atgggatgtt tccttgtggg accatgtggt cccctagaa aaggtatcag 240
acagctgtaa caatggcaac cttataaact ggcaagctct taattatgaa gacaatggct 300
atgtggtgac taagcccaaa ctgtggcctt aagctaattg ctctatgaaa tataagtctg 360
cttttgggtt tggtaaaatg ataatgtgca ttgcattaaa aaagcaaaga aatgtgaaaa 420
a 421

<210> 48

<211> 271

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<223> IMX2_59

<400> 48
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caccctgagg aagcccacag tgttcacccg tgtctcagcc ttcatgact ggattgagga 180
gaccattgcc aacaactaga tccaaggttc ggctggcaga gaggaccccc aggtcctcta 240
aagaataaag acctttctga aagcctaaaa a 271

<210> 49

<211> 418

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<223> IMX2_60

<400> 49

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cggctcgtat ctgtgtgaac tgggagtcctg gctctgggat tgcaagaatt ctggctgaat      60
ggaaaaccac tggggaggaa aggcttgaag aagggataca ctgtgggggg tgatgcaatg      120
atcactctag gacaagagca ggattcctat gggggaaatt ttgatgcaaa gcaatccttt      180
gttggggaga tatgggatgt ttccttgttg gaccatgttg tccccctaga aaaggtatca      240
gacagctgta acaatggcaa ccttataaac tggcaagctc ttaattatga agacaatggc      300
tatgtggtga ctaagcccaa actgtggcct taagctaatt gctctatgaa atataagtct      360
gcttttggtc tgttaaaatg ataatgggca ttgcattaaa aaagcaaaga aataaaaa      418

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<210> 50

<211> 352

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<223> IMX2_1

<400> 50

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cggaaacggg gaccgctggt ggctgcggtg ctgttcatca cgggaattat cattctcact      60
agtgggaagt gtaggcagtt gtctcaattt tgcctgaatc gccacaggtg agtgcgggcc      120
agcaccctga tgggcacccc agctggagcc tccaaactac accaactcac caccctctgc      180
ctcctccctc taccccaaga gcctacagag tgatcaacat gaaagaatcc tgaaaggaag      240
aggccactgg agggagtcag gcttaaggct aatggtcttc ccaccctggg gagagaggtc      300
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<210> 51

<211> 135

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<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<223> IMX2_65

<400> 51
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ctggttaccc aaaaa 135

<210> 52

<211> 186

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<223> IMX2_66

<400> 52
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cacagtgcc gagctgagga cgccatgcgc ctgtactatg ttgcaactgc cccacactgc 120
ggccaccgct ggactgagtg atcgttcctt cttccacctg taataaatgc cagtttctac 180
taaaaa 186

<210> 53

<211> 216

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<223> IMX2_68A

<400> 53
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 ctctgccttt ccttcaaaa cctctcact ccagctcgt gcaaactggt tacacagcag 180
 aaacgcaaaa taaagagggtg gctttcgcgg caaaaa 216

<210> 54

<211> 216

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<223> IMX2_68B

<400> 54
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 gtctacagct cctgcttgag tttctgtgga gttgtcccc cccccccagg gtggtgttgc 180
 tctactgtaat aaacatgatt aatagctggc taaaaa 216

<210> 55

<211> 100

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<223> IMX2_69

<400> 55

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agacatccat ttaataaagt ctcatgctga gagccaaaaa 100

<210> 56
<211> 312
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<223> IMX2_71

<400> 56
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ctgactggaa gctgcacatc tgcccactga gctttggtga aaggccaga ggctttgggg 120
acctctgttc ctgggccacc ctggccgtgg gcaccctcta ccttggggca cgttctagca 180
ccccattcct gactcctgga agatgcactt gccccgacag ctgggcagca cggctgtcct 240
ctgcagagac tgcctggtcc tcattgtact ttggtggctc aactgaataa agccttgtgg 300
gaagcacaaa aa 312

<210> 57
<211> 374
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<223> IMX2_72

<400> 57
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gaatgtctaa catgaccctc tgctgactgg agtgtcttca agtacgaatc ccttcagacc 120
ccagaaaagtc tgctcctttt tgtagtcatc tatcttgagg tttctcaaac cacttttcat 180
gaaccagtga atattcaaga gaactaaatt tgaagtctgt acaaaagctt ctctttaaca 240

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cgtgccataa tacactatct tctgctcgtc agtccttaac atctacctct ctgaatttca	300
tggatttctg tctcacaagg tttaactatt ttatatacac tggctgtagc atacaataaa	360
gcatcatcca aaaa	374

<210> 58
 <211> 251
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <223> IMX2_73

<400> 58	
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ttgatgcctt gaggtctgt ctaccagcc tggccttggg aattgctgta gctccaagag	180
ccaggaggca agatgacccc acgacctgct ctcatagctt ccctgtaata cagccctttc	240
aaaggtaaaa a	251

<210> 59
 <211> 248
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <223> IMX2_2

<400> 59	
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gccaggggaca tctgtgaggg gcagggtcaat agccttcctg ggagcatcaa caaggcaggg	120
gagtatatgt aagccagtta catgaacctg cagagaccat acacagtggc cattgctggg	180

tatgccctgg ccctgatgaa caaactggag gaaccttacc tcggcaagtt tctgaacaca 240
gccccaaaa 248

<210> 60
<211> 64
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<223> IMX2_3

<400> 60
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aaaa 64

<210> 61
<211> 121
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<223> IMX2_34

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<210> 62
<211> 219
<212> DNA
<213> Mus musculus

<220>

<221> misc_feature

<223> IMX2_70

<400> 62
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 aactcgggtga tggcaaggaa ctaactgaag acattactgc cactgtcccc ctggaaatgc 180
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<210> 63

<211> 48

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<220>

<221> misc_feature

<222> (46)..(46)

<223> V stands for A, C or G

<220>

<221> misc_feature

<222> (47)..(48)

<223> N stands for A, C, G or T

<400> 63
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<210> 64

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 64
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16

<210> 65

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<220>

<221> misc_feature

<222> (16)..(16)

<223> N stands for A, C, G or T

<400> 65
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16

<210> 66

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 66
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15

<210> 67

<211> 16

<212> DNA

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<222> (13)..(16)

<223> N stands for A, C, G or T

<400> 67
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16

<210> 68

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 68
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<210> 69

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<400> 69
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<210> 70

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

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<210> 71

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 71

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30

<210> 72

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 72

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30

<210> 73

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 73

gacgaatcc ggtgccctgt ctgctctgag

30

<210> 74

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 74

gacgaatcc ggctccctgt atcccaggct

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<210> 75

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 75

gacgaatcc gggggtgccca ggtgtgaggc

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<210> 76

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 76

gacgaatcc ggataacagt atgtgtatgt

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<210> 77

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 77

gatcgaatcc ggccaaactc tcaattacca

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<210> 78

<211> 30

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: synthetic primer

<400> 78

gatcgaatcc ggcgcgcacg gggaccagac

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<210> 79

<211> 30

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: synthetic primer

<400> 79

gatcgaatcc ggtgtcctgt ctgctctgag

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<210> 80

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 80
gatcgaatcc ggaaaccccg aaaccaaacg 30

<210> 81

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 81
gatcgaatcc ggacggagga ccacccgtgc 30

<210> 82

<211> 30

<212> DNA

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<223> Description of Artificial Sequence: synthetic primer

<400> 82
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<210> 83

<211> 30

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: synthetic primer

<400> 83
gatcgaatcc gggcatctaa tggccagtgg 30

<210> 84

<211> 30

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<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 84

gatcgaatcc gggcatccat gggttccaac

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<210> 85

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 85

gatcgaatcc ggacaccata gagaccctga

30

<210> 86

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 86

gatcgaatcc ggagcaccac atcgatctaa

30

<210> 87

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 87
gatcgaatcc gggcgatggt ggtgtatgcc 30

<210> 88
<211> 30
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 88
gatcgaatcc ggtactgggg aggcacaggc 30

<210> 89
<211> 30
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 89
gatcgaatcc gggatgtggg aaggtagaa 30

<210> 90
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<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 90
gatcgaatcc ggtagggtag agtgtagcca 30

<210> 91
<211> 30

NEU-120.P.1, Sequence Listing FILED, MS, 1-23-06

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 91

gatcgaatcc gggtcccata tctttgaggg

30

<210> 92

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 92

gatcgaatcc ggcgatgtac actcgggtca

30

<210> 93

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 93

gatcgaatcc ggcgcgtatc tgtgtgaact

30

<210> 94

<211> 30

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: synthetic primer

<400> 94
gatcgaatcc ggcggcgata tccagtctgg 30

<210> 95

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 95
gatcgaatcc ggtcctggca gacagacatg 30

<210> 96

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 96
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<210> 97

<211> 30

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: synthetic primer

<400> 97
gatcgaatcc ggccgccacc caacaacttt 30

<210> 98

<211> 30

NEU-120.P.1, Sequence Listing FILED, MS, 1-23-06

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 98

gatcgaatcc ggccgcccgc agaggtccga

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<210> 99

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 99

gatcgaatcc ggtaagcatg gcaagacccg

30

<210> 100

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 100

cacagccttc gtcctcatcg cactg

25

<210> 101

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 101
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<210> 102

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 102
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<210> 103

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 103
 tcacggcccc gctcccattc c 21

<210> 104

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 104
 ccaagtccca ggctgtctg tt 22

<210> 105

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 105

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26

<210> 106

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 106

acatagagct gttggatgat tttga

25

<210> 107

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 107

caagttcttc gcactgtttc tggta

25

<210> 108

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223>	Description of Artificial Sequence: synthetic primer	
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<210>	109	
<211>	25	
<212>	DNA	
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<223>	Description of Artificial Sequence: synthetic primer	
<400>	109	
	accagttctt ctgaggcaca gacgg	25
<210>	110	
<211>	25	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence: synthetic primer	
<400>	110	
	gaacaaagga tccacacccc aaacc	25
<210>	111	
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<212>	DNA	
<213>	Artificial Sequence	
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<223>	Description of Artificial Sequence: synthetic primer	
<400>	111	
	gcacatgtgg aggacacggtt cttca	25
<210>	112	
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<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 112

atgaaaaata tggaaaatga taaaa

25

<210> 113

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 113

ctaaaatgtt ctacagtgtg gttt

24

<210> 114

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 114

gcccagacag aagtcatagc cactc

25

<210> 115

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 115
 tttatggttc ttccgttgag ggaca 25

<210> 116

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 116
 gagtctggct ctgggattgc agaa 24

<210> 117

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 117
 ccccatagg aatcctgctc ttgt 24

<210> 118

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 118
 ccactgggga ggaaaggctt gaa 23

<210> 119

<211> 25

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<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 119

ccacatggtc ccacaaggaa acatc

25

<210> 120

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 120

gcaggtgcat ggcatacgtga

20

<210> 121

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 121

ggggacagtg gcagtaatgt cttca

25

<210> 122

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 122

tcagagatta gcatggtggg aca

23

<210> 123

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 123

ctggtttgac agagacgcag tagtc

25

<210> 124

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 124

gatcgaatcc ggaaacgggg accgctggtg

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<210> 125

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 125

gatcgaatcc ggacctcacc gaccagccca

30

<210> 126

<211> 30

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<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 126
gatcgaatcc ggagtggcaa agacccaac

30

<210> 127

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 127
cagtgtggag gaagcctggg aggtg

25

<210> 128

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer

<400> 128
cacatcgggg gcaggcagac ttcc

24

<210> 129

<211> 137

<212> PRT

<213> Mus musculus

<220>

<221> misc_feature

<223> Translation of IMX2_4 Extended Sequences, bases 688-947

<400> 129

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Pro Tyr Met Gly Gly Glu Met Pro Trp Thr Ile Leu Leu Phe Ala Ser
20 25 30

Val Pro Thr Trp Ile Leu Ala Leu Ser Leu Ser Leu Ala Gly Ala Val
35 40 45

Leu Phe Ser Gly Leu Val Ala Ile Thr Val Leu Val Arg Lys Ala Lys
50 55 60

Ala Lys Asn Leu Gln Lys Gln Arg Glu Arg Glu Ser Cys Trp Ala Gln
65 70 75 80

Ile Asn Phe Thr Asn Thr Asp Met Ser Phe Asp Asn Ser Leu Phe Ala
85 90 95

Ile Ser Thr Lys Met Thr Gln Glu Asp Ser Val Ala Thr Leu Asp Ser
100 105 110

Gly Pro Arg Lys Arg Pro Thr Ser Ala Ser Ser Ser Pro Glu Pro Pro
115 120 125

Glu Phe Ser Thr Phe Arg Ala Cys Gln
130 135